

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: November 25, 2000, 04:35:30 ; Search time 84.1 Seconds  
 (without alignments)

847.024 Million cell updates/sec

Title: US-09-373-230-1  
 Perfect score: 471  
 Sequence: 1 AACTTGGCCGACTCACTG.....TCACACTAACTACATCAAAGT 471

Scoring table: IDENTITY\_NUC  
 Gapext 1.0  
 Scoring table: Gapop 10.0 , Gapext 1.0

Searched: 262060 seqs, 75620727 residues

Total number of hits satisfying chosen parameters: 524120

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Maximum Match 08  
 Maximum Match 100\*  
 Listing first 45 summaries

Database : Issued\_Patents\_NA:  
 1: /cgn2\_6/ptodata/1/ina/5A\_COMB.seq:\*

2: /cgn2\_6/ptodata/1/ina/5B\_COMB.seq:\*

3: /cgn2\_6/ptodata/1/ina/5C\_COMB.seq:\*

4: /cgn2\_6/ptodata/1/ina/5D\_COMB.seq:\*

5: /cgn2\_6/ptodata/1/ina/6\_COMB.seq:\*

6: /cgn2\_6/ptodata/1/ina/PCTUS\_COMB.seq:\*

7: /cgn2\_6/ptodata/1/ina/backfiles1.seq:\*

Pred. NO. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	470.6	99.9	471	4 US-08-502-535B-1	Sequence 1, Appli
2	470.6	99.9	471	4 US-08-908-005A-1	Sequence 1, Appli
3	247.4	52.5	579	3 US-08-896-605A-7	Sequence 7, Appli
4	247.4	52.5	579	3 US-08-896-501A-5	Sequence 5, Appli
5	247.4	52.5	1120	5 US-08-884-324-2	Sequence 2, Appli
6	127.8	27.1	11464	5 US-08-884-324-13	Sequence 13, Appli
7	127.8	27.1	28994	5 US-08-884-324-14	Sequence 14, Appli
8	122	25.9	2167	5 US-08-884-324-7	Sequence 7, Appli
9	75.6	16.1	134	5 US-08-884-324-4	Sequence 4, Appli
10	51.4	10.9	135	5 US-08-884-324-3	Sequence 3, Appli
c 11	38.4	8.2	7218	1 US-08-232-463-14	Sequence 14, Appli
c 12	36.8	7.8	4731	4 US-08-488-706-2	Sequence 2, Appli
c 13	36.8	7.8	4731	5 US-08-772-270A-9	Sequence 9, Appli
c 14	34.4	7.3	10614	1 US-08-135-511-35	Sequence 35, Appli
c 15	34.4	7.3	10614	2 US-08-187-453-35	Sequence 35, Appli
c 16	33.8	7.2	8920	3 US-08-446-855A-1	Sequence 1, Appli
c 17	33.2	7.0	4467	2 US-08-565-907A-1	Sequence 1, Appli
c 18	33.2	7.0	4467	4 US-08-910-551B-1	Sequence 1, Appli
c 19	33.2	7.0	4467	4 US-08-909-425A-1	Sequence 1, Appli
c 20	32.6	6.9	4821	1 US-08-316-397B-3	Sequence 3, Appli
c 21	32.6	6.9	4821	2 US-08-316-397B-3	Sequence 3, Appli
c 22	32.6	6.9	4821	3 US-09-034-306-3	Sequence 3, Appli
c 23	32.6	6.9	4821	6 PCT-US93-09782-3	Sequence 3, Appli
c 24	32.4	6.9	1326	5 US-09-100-391-1	Sequence 1, Appli
c 25	32.4	6.9	3095	7 5231168-1	Patent No. 5231168
c 26	32	6.8	1431	2 US-08-451-715A-11	Sequence 11, Appli

RESULT 1  
 US-08-502-535B-1  
 ; Sequence 1, Application US/08502535B  
 ; Patent No. 5912324  
 ; GENERAL INFORMATION:  
 ; APPLICANT: OKAMURA, Haruki  
 ; APPLICANT: TANIMOTO, Tadao  
 ; APPLICANT: TORIGOE, Kakaji  
 ; APPLICANT: KUNIKATA, Toshio  
 ; APPLICANT: TANIGUCHI, Mutsuko  
 ; APPLICANT: KOHNO, Keizo  
 ; APPLICANT: KURIMOTO, Masashi  
 ; TITLE OF INVENTION: IFN-BETA PRODUCTION INDUCING PROTEIN AND MONOClonal antibody of the same  
 ; NUMBER OF SEQUENCES: 9  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: BROWDY AND NEIMARK  
 ; STREET: 419 Seventh Street, N.W., Suite 300  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: USA  
 ; ZIP: 20004  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC Compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/502, 535B  
 FILING DATE: 14 -JUL-1995  
 CLASSIFICATION: 530  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: JP 184162/1994  
 FILING DATE: 10 -FEB-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: BROWDY, Roger L.  
 REGISTRATION NUMBER: 25, 618  
 REFERENCE/DOCKET NUMBER: OKAMURA=2  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-628-5197  
 TELEFAX: 202-737-3528  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 471 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single

TOPOLOGY: linear  
 FEATURE: CDS  
 NAME/KEY: CDS  
 LOCATION: 1..471  
 OTHER INFORMATION: /note= xaa in position 70 is Met or Thr  
 US-08-502-535B-1

Query Match 99.9%; Score 470.6; DB 4; Length 471;  
 Best Local Similarity 100.0%; Pred. No. 2.4e-132;  
 Matches 471; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AACCTTTGGCCGACTTCACTGTACAACCGCAGTAATAACGAAATAAATGACCAAGTTCTC 60  
 Db 1 AACCTTTGGCCGACTTCACTGTACAACCGCAGTAATAACGAAATAAATGACCAAGTTCTC 60

Qy 61 TTCTGTTGACAAAAAGACAGCCCTGTGTTCGAGGAATATGACTGATAAAAGTGCAGT 120  
 Db 61 TTCTGTTGACAAAAAGACAGCCCTGTGTTCGAGGAATATGACTGATAAAAGTGCAGT 120

Qy 121 GAACCCCAGACCAGACTGATAATATACATGTAACAAAGACAGTGAAGTAAGAGGACTGGCT 180  
 Db 121 GAACCCCAGACCAGACTGATAATATACATGTAACAAAGACAGTGAAGTAAGAGGACTGGCT 180

Qy 181 GTGACCCCTCTCTGTGAAGGGATAGTAAAYGTCTTACCCCTCTCCCTGTAAAGAACAGTCATT 240  
 Db 181 GTGACCCCTCTCTGTGAAGGGATAGTAAAYGTCTTACCCCTCTCCCTGTAAAGAACAGTCATT 240

Qy 241 TCCTTTGAGGAATGGATCCACCTGAAATAATGATGATAACAAAAGTGATCTCATATT 300  
 Db 241 TCCTTTGAGGAATGGATCCACCTGAAATAATGATGATAACAAAAGTGATCTCATATT 300

Qy 301 TTTCAGAAACGTTCCAGGACACAAAGATGGAGTTGAATCTTCACTGTATGAAGGA 360  
 Db 301 TTTCAGAAACGTTCCAGGACACAAAGATGGAGTTGAATCTTCACTGTATGAAGGA 360

Qy 361 CACTTTCTTGCTTGCCTAAAGGAAGATGATGCTTCAAACTCATCTGAAAAAAAGGAT 420  
 Db 361 CACTTTCTTGCTTGCCTAAAGGAAGATGATGCTTCAAACTCATCTGAAAAAAAGGAT 420

Qy 421 GAAAATGGGATAAATCTGTAATGTTCACTCTCACTAACTTACATCAAAGT 471  
 Db 421 GAAAATGGGATAAATCTGTAATGTTCACTCTCACTAACTTACATCAAAGT 471

RESULT 2  
 US-08-908-005A-1  
 Sequence 1, Application US/08908005A  
 Patent No. 5914253  
 GENERAL INFORMATION:  
 APPLICANT: OKAMURA, Haruki  
 APPLICANT: TANIMOTO, Tadao  
 APPLICANT: TORIGOE, Kakuji  
 APPLICANT: KUNIKATA, Toshio  
 APPLICANT: TANIGUCHI, Mutsuko  
 APPLICANT: KOHNO, Keizo  
 APPLICANT: KURIMOTO, Masashi  
 TITLE OF INVENTION: IFN-BETA PRODUCTION INDUCING PROTEIN AND  
 TITLE OF INVENTION: MONOCLONAL ANTIBODY OF THE SAME  
 NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: BROWDY AND NEIMARK  
 STREET: 419 Seventh Street, N.W., Suite 300  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20004  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, version #1.30

RESULT 3  
 US-08-896-605A-7

Sequence 7, Application US/08896605A  
 Patent No. 5879942

GENERAL INFORMATION:  
 APPLICANT: TANIMOTO, Tadao  
 APPLICANT: KURIMOTO, Masashi  
 TITLE OF INVENTION: PROCESSING ENZYME FOR POLYPEPTIDE  
 NUMBER OF SEQUENCES: 9

RESPONSEE ADDRESS:  
 ADDRESSEE: BROWDY AND NEIMARK  
 STREET: 419 Seventh Street, N.W., Suite 300  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20004

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/896, 605A  
 FILING DATE: 18 JULY 1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: JP 207, 691/1996  
 FILING DATE: 19-JUL-1996  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: JP 156, 062/1997  
 FILING DATE: 30-MAY-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: BROWDY, Roger L.  
 REGISTRATION NUMBER: 25, 618  
 REFERENCE/DOCKET NUMBER: TANIMOTO=2

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-628-5197  
 TELEFAX: 202-737-3528  
 INFORMATION FOR SEQ ID NO: 7:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 579 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA to mRNA  
 FEATURE:  
 NAME/KEY: leader peptide  
 LOCATION: 1..108  
 IDENTIFICATION METHOD: S  
 NAME/KEY: mat peptide  
 LOCATION: 109..579  
 IDENTIFICATION METHOD: S  
 US-08-896-605A-7

Query Match 52.5%; Score 247.4; DB 3; Length 579;  
 Best Local Similarity 73.1%; Pred. No. 2.4e-65;  
 Matches 343; Conservative 2; Mismatches 118; Indels 6; Gaps 2;

QY 2 ACTTTGGCGACTTCAGTGTACACCGCAGTAATACGGAATAATGACCAAGTTCTCT 61  
 Db 110 ACTTTGGCAAGCTTGAATCTAAATTATCAGTCATAAGAAATTGAAATTGAACTCT 169

QY 62 TCGTTGACAAAAGACA -- GCCTGTGTTGAGGATATGACTGATATTGATAAGTGCCTA 118  
 Db 170 TCATTGACCAAGGAATTCGGCTCTATTGAAAGATATGACTGTACTGTTGAGAGATA 229

QY 119 GTGAACCCGACCAAGACTGATAATACATGATCAAAGACAGTGAAGTAAGGAGCTGG 178  
 Db 230 ATGCACCCGGACCATATTATAAGTAGTATAAAAGATAGCCAGCTAGAGGTATGG 289

QY 179 CTGTGACCCCTCTGTGAAGGATAGTAAAYGTCTACCCCTCCGTAAAGAACAGATCA 238  
 Db 290 CTGTAACTATCTCTGTGAAGTGTGAGAAAATTCAAYTCTCTGTGAGAACAAATTAA 349

QY 239 TTTCCTTTGAGGAATGGATCCACCTGATAAAATATTGATGATAACAAAGTGATCTAT 298

Query Match 52.5%; Score 247.4; DB 3; Length 579;  
 Best Local Similarity 73.1%; Pred. No. 2.4e-65;  
 Matches 343; Conservative 2; Mismatches 118; Indels 6; Gaps 2;

RESULT 5  
 US-08-884-324-2  
 ; Sequence 2, Application US/08884324  
 ; Patent No. 6060283

; GENERAL INFORMATION:  
 ; APPLICANT: Takanori OKURA  
 ; APPLICANT: Kakuji TORIGOE  
 ; APPLICANT: Masahi KURIMOTO  
 ; TITLE OF INVENTION: GENOMIC DNA ENCODING A POLYPEPTIDE CAPABLE  
 ; OF INDUCING THE PRODUCTION OF INTERFERON-  
 ; NUMBER OF SEQUENCES: 35  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: BROWDY AND NEIMARK  
 ; STREET: 419 Seventh Street, N.W., Suite 300  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: USA  
 ; ZIP: 20004  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/884, 324  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: JP 185, 305/96  
 ; FILING DATE: 27-JUN-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: BROWDY, Roger L.  
 ; REGISTRATION NUMBER: 25, 618  
 ; REFERENCE/DOCKET NUMBER: OKURA-1  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202-628-5197  
 ; TELEFAX: 202-737-3528  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:

QY 2 ACTTTGGCCGACTTCACTGTACAAACCGCAGTAATAACGGATAATAATGACCAAGTTCTCT 61  
 Db 110 ACTTTGGCAAGCTTGAAATTCTAAATTATCAGTCATAAAGAAATTGAAATGACCAAGTTCTCT 169

QY 62 TCGTTGACAAAAGACA---GCCGTGTTGAGGATATGACTGATAATTGATCAAAGTGCCA 118  
 Db 170 TCATTGACCAAGGAATTCGGCCTCTATTGAAAGATATGACTGTAGAGATA 229

QY 119 GTGAACCCCAGACCAGACTGATAATAATCATGTACAGTGAAAGGAGACTGG 178  
 Db 230 ATGCACCCGGACCATTTATTATAAGTATGATAAAAGTAGGCCAGCCTAGGGTATGG 289

QY 179 CTGTGACCCCTCTCTGTCAAGGATAGTAAAAYGCTTACCCCTCTCCTGTAAAGAACAGATCA 238  
 Db 290 CTGTAACATCTCTGTGAAAGTGTGAGAAAATTCAAYTCTCTCCTGTGAGAACAAATA 349

QY 239 TTTCCTTTGAGGAATTCGATCCACCTGAAATAATTGATGATAATCACAGTGATCTCATAT 298  
 Db 350 TTTCCTTAAGGAAATGAAATCCTCTGTATAACATCAAGGATAACATCAACAT 409

QY 299 TCTTCAGAAACGTGTTCCAGGAC--ACAACAAAGATGGAGTTGATCTTCACTGTATG 355  
 Db 410 TCTTCAGAGAAGTGTCCAGGACATGATAATAAGATGCAATTGAACTTCATCATACG 469

QY 356 AAGGACACTTCTGCTGCCAAAGGAAGATGATGCTTCAAACCTCAATTCTGAAGAAAAA 415  
 Db 470 AAGGATACTTCTAGCTGTGAAAGAGACCTTTAAACTCATTTGAAAAAAG 529

QY 416 AGGATGAAATGGGATAAATCTGTAATGTTCACTCTCAACTTACA 464  
 Db 530 AGGATGAATTGGGGATAGATCTATAATGTTCAACTGTTCAAACAGAAGA 578

QY 62 TCGTTGACAAAAGACA---GCCGTGTTGAGGATATGACTGATAATTGATCAAAGTGCCA 118  
 Db 347 TCATTGACCAAGGAATCGGCCCTCTATTGAAAGATATGACTGTAGAGATA 406

QY 119 GTGAAACCCCAGACCAGACTGATAATAATCATGTACAAAGACAGTGAAGTAAGGGACTGG 178  
 Db 407 ATGCACCCCGGACCATATTATAAGTATGATAAAAGTAGGCCAGCCTAGAGGTATGG 466

QY 179 CTGTGACCCCTCTGTGAAGGATAGTAAAAYGCTACCCCTCTGTAAAGAACAGATCA 238  
 Db 467 CTGTGAACATCTCTGTGAAGTGTGAGAAATTCAAYTCTCTCTGTGAGAACAAATA 526

QY 239 TTTCCTTTGAGGAATGGATCCACCTGAAAATATTGATGATAATAAGTGTATCATAT 298  
 Db 527 TTTCCTTAAGGAAATGAAATCCTCTGTATAACATCAAGGATAATAAGTGCACATCAT 586

QY 299 TCTTCAGAAACGTGTTCCAGGAC--ACAACAAAGATGGAGTTGAAATCTTCACTGTATG 355  
 Db 587 TCTTCAGAGAAGTGTCCAGGACATGATAATAAGATGCAATTGCAATTCAAC 646

QY 356 AAGGACACTTCTGCTGCCAAAGGAAGATGCTGTTCAACTCATCTGAAATTGCAATTGCA 415  
 Db 647 AAGGATACTTCTAGCTGTGAGAACCTTTAAACTCATTTGAAAAAAG 706

QY 416 AGGATGAAATGGGGATAAATCTGTAATGTTCACTCTCAACTTACA 464  
 Db 707 AGGATGAATTGGGGATAGATCTATAATGTTCAACTGTCAAACAGAAGA 755

RESULT 6  
 US-08-884-324-2  
 ; Sequence 13, Application US/08884324  
 ; Patent No. 6060283

; GENERAL INFORMATION:  
 ; APPLICANT: Takanori OKURA  
 ; APPLICANT: Kakuji TORIGOE  
 ; APPLICANT: Masahi KURIMOTO  
 ; TITLE OF INVENTION: GENOMIC DNA ENCODING A POLYPEPTIDE CAPABLE  
 ; OF INDUCING THE PRODUCTION OF INTERFERON-  
 ; NUMBER OF SEQUENCES: 35  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: BROWDY AND NEIMARK  
 ; STREET: 419 Seventh Street, N.W., Suite 300  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: USA  
 ; ZIP: 20004  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/884, 324  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: JP 185, 305/96  
 ; FILING DATE: 27-JUN-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: BROWDY, Roger L.  
 ; REGISTRATION NUMBER: 25, 618  
 ; REFERENCE/DOCKET NUMBER: OKURA-1  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202-628-5197  
 ; TELEFAX: 202-737-3528  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:

; TITLE OF INVENTION: GENOMIC DNA ENCODING A POLYPEPTIDE CAPABLE  
 ; OF INDUCING THE PRODUCTION OF INTERFERON-

NUMBER OF SEQUENCES: 35  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: BROWDY AND NEIMARK  
 STREET: 419 Seventh Street, N.W., Suite 300  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20004  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/884,324  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: JP 185,305/96  
 FILING DATE: 27-JUN-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: BROWDY, Roger L.  
 REGISTRATION NUMBER: 25,618  
 REFERENCE/DOCKET NUMBER: OKURA=1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-628-5197  
 TELEFAX: 202-737-3528  
 INFORMATION FOR SEQ ID NO: 13:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11464 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic DNA  
 ORIGINAL SOURCE:  
 ORGANISM: human  
 TISSUE TYPE: placenta  
 FEATURE:  
 NAME/KEY: 5' UTR  
 LOCATION: 1..3  
 IDENTIFICATION METHOD: E  
 NAME/KEY: leader peptide  
 LOCATION: 4..82  
 IDENTIFICATION METHOD: S  
 NAME/KEY: intron  
 LOCATION: 83..1453  
 IDENTIFICATION METHOD: E  
 NAME/KEY: leader peptide  
 LOCATION: 1454..1465  
 IDENTIFICATION METHOD: S  
 NAME/KEY: mat peptide  
 LOCATION: 4866..4983  
 IDENTIFICATION METHOD: S  
 NAME/KEY: intron  
 LOCATION: 4984..6317  
 IDENTIFICATION METHOD: E  
 NAME/KEY: mat peptide  
 LOCATION: 6452..11224  
 IDENTIFICATION METHOD: E  
 NAME/KEY: mat peptide  
 LOCATION: 11225..11443  
 IDENTIFICATION METHOD: S  
 NAME/KEY: 3' UTR  
 LOCATION: 11444..11464

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; IDENTIFICATION METHOD: E  
 ; US-08-884-324-13  
 Query Match 27.1%; Score 127.8; DB 5; Length 11464;  
 Best Local Similarity 73.3%; Pred. No. 6.7e-29;  
 Matches 178; Conservative 0; Mismatches 62; Indels 3; Gaps 1;  
 ZIP: 20004  
 QY 225 TAAGAACAGATCATTCTTGGAAATGGATCCACCTGATAACA 284  
 DB 11200 TTAGGTAATGTTTCTCATAGGAATGAACTCCTGATAACATCAAGGATAACAAA 11259  
 QY 285 AGTGATCTCATATTCTTCAGAACGTTCCAGGGAC---ACAACAGATGGAGTTGTA 341  
 DB 11260 AAGTGACATCATATTCTTCAGAGAAGTGTCCCAGGACATGATAATAAGATGCAATTGTA 11319  
 QY 342 ATCTTCACTGTTGAAAGACACTTTCTTGCTTGCGAAAAAGGACTTTCAAACT 401  
 DB 11320 ATCTTCATCATGAAAGATACTTTCTAGCTTGTGAAAAAGGAGACCTTTAAACT 11379  
 QY 402 CATTCTGAAAAAAAGGATGAAATGGGATAAACTCTGTAATGTTCACTCTACTAACTT 461  
 DB 11380 CATTGGAAAAAAAGGATGAATTGGGATAGNCTATAATTGTTCACTGTTCAAACGA 11439  
 QY 462 ACA 464  
 DB 11440 AGA 11442  
 RESULT 7  
 US-08-884-324-14  
 ; Sequence 14, Application US/08884324  
 ; Patent No. 6060283  
 GENERAL INFORMATION:  
 APPLICANT: Takanori OKURA  
 APPLICANT: Kakaji TORIGOE  
 APPLICANT: Masahi KURIMOTO  
 TITLE OF INVENTION: GENOMIC DNA ENCODING A POLYPEPTIDE CAPABLE  
 OF INDUCING THE PRODUCTION OF INTERFERON-  
 NUMBER OF SEQUENCES: 35  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: BROWDY AND NEIMARK  
 STREET: 419 Seventh Street, N.W., Suite 300  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20004  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/884,324  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: JP 185,305/96  
 FILING DATE: 27-JUN-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: BROWDY, Roger L.  
 REGISTRATION NUMBER: 25,618  
 REFERENCE/DOCKET NUMBER: OKURA=1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-628-5197  
 TELEFAX: 202-737-3528  
 INFORMATION FOR SEQ ID NC: 14:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 28994 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic DNA

ORIGINAL SOURCE: ; APPLICANT: Takanori OKURA  
 ORGANISM: human ; APPLICANT: Kakuji TORIGOE  
 TISSUE TYPE: Placenta ; APPLICANT: Masahi KURIMOTO  
 FEATURE: NAME/KEY: 5' UTR ; TITLE OF INVENTION: GENOMIC DNA ENCODING A POLYPEPTIDE CAPABLE  
 LOCATION: 1..15606 ; OF INDUCING THE PRODUCTION OF INTERFERON-  
 IDENTIFICATION METHOD: E ; NUMBER OF SEQUENCES: 35  
 NAME/KEY: leader peptide ; CORRESPONDENCE ADDRESS:  
 LOCATION: 15607..15685 ; ADDRESS: BROWDY AND NEIMARK  
 IDENTIFICATION METHOD: S ; STREET: 419 Seventh Street, N.W., Suite 300  
 NAME/KEY: intron ; CITY: Washington  
 LOCATION: 17057..17068 ; STATE: D.C.  
 IDENTIFICATION METHOD: S ; COUNTRY: USA  
 NAME/KEY: 15686..17056 ; ZIP: 20004  
 IDENTIFICATION METHOD: E ; COMPUTER READABLE FORM:  
 NAME/KEY: leader Peptide ; MEDIUM TYPE: Floppy disk  
 LOCATION: 17069..20451 ; COMPUTER: IBM PC compatible  
 IDENTIFICATION METHOD: E ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 NAME/KEY: leader peptide ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 LOCATION: 20452..20468 ; CURRENT APPLICATION DATA:  
 IDENTIFICATION METHOD: S ; APPLICATION NUMBER: US/08/884,324  
 NAME/KEY: mat peptide ; FILING DATE:  
 LOCATION: 20469..20586 ; CLASSIFICATION: 435  
 IDENTIFICATION METHOD: E ; PRIORITY APPLICATION DATA:  
 NAME/KEY: leader peptide ; APPLICATION NUMBER: JP 185,305/96  
 LOCATION: 20587..21920 ; FILING DATE: 27-JUN-1996  
 IDENTIFICATION METHOD: S ; ATTORNEY/AGENT INFORMATION:  
 NAME/KEY: intron ; NAME: BROWDY, Roger L.  
 LOCATION: 22055..26827 ; REGISTRATION NUMBER: 25,618  
 IDENTIFICATION METHOD: E ; REFERENCE/DOCKET NUMBER: OKURA=1  
 NAME/KEY: mat peptide ; TELECOMMUNICATION INFORMATION:  
 LOCATION: 22054..22054 ; TELEPHONE: 202-628-5197  
 IDENTIFICATION METHOD: S ; TELEFAX: 202-737-3528  
 NAME/KEY: intron ; INFORMATION FOR SEQ ID NO: 7:  
 LOCATION: 26828..27046 ; SEQUENCE CHARACTERISTICS:  
 IDENTIFICATION METHOD: E ; LENGTH: 2167 base pairs  
 NAME/KEY: mat peptide ; TYPE: nucleic acid  
 LOCATION: 27047..28994 ; STRANDEDNESS: double  
 IDENTIFICATION METHOD: S ; TOPOLOGY: linear  
 NAME/KEY: 3' UTR ; MOLECULE TYPE: Genomic DNA  
 LOCATION: 27047..28994 ; ORIGINAL SOURCE:  
 IDENTIFICATION METHOD: E ; ORGANISM: human  
 NAME/KEY: exon + 3'UTR ; TISSUE TYPE: Placenta  
 LOCATION: 1..2167 ; FEATURE:  
 IDENTIFICATION METHOD: E ; NAME/KEY: exon + 3'UTR  
 NAME/KEY: intron ; LOCATION: 1..2167  
 IDENTIFICATION METHOD: E ; IDENTIFICATION METHOD: E  
 US-08-884-324-7 ; US-08-884-324-7

Query Match 27.1%; Score 127.8; DB 5; Length 28994;

Best Local Similarity 73.3%; Pred. No. 1e-28; Matches 178; Mismatches 0; Indels 3; Gaps 1;

QY 225 TAGAACAAAGATCATTCCTTGGAAATGGATCCACCTGAAAATTGTATATAACA 284	Db 26803 TTAGGTAATGTTTTCTCTATAGGAATGATAACATCAAGGATAAAA 26862	Db 26863 AAGTGATCTCATATTCTTCAGAAAACGTGTTCCAGGAC--ACAACAAAGATGGAGTTGA 341	Db 26922 ATCTTCACGTATGAAGGACACTTCTTGCTTGCCAAAGGAGATGATGCTTTCAAAC 401	Db 26982 ATCTTCATCATAAGGATAACTTCTAGCTGTGAAAAGAGACCTTTAAACT 26982	Qy 402 CATTCTGAAAAAAGGATGAAAATGGGATAAAATCTGTAATGTTCACTCTCAACTT 461	Db 26983 CATTGTAAGAAAAGGATGAAATTGGGGATAGATCTATAATGTTCAACTAAACAGA 27042	Qy 462 ACA 464	Db 27043 AGA 27045	RESULT 8
Db 26803 TTAGGTAATGTTTTCTCTATAGGAATGATAACATCAAGGATAAAA 26862	Qy 285 AAGTGATCTCATATTCTTCAGAAAACGTGTTCCAGGAC--ACAACAAAGATGGAGTTGA 341	Db 26863 AAGTGACATCATATTCTTCAGAGAAGTGTCCAGGACATGTATAATAGATGCAATTGTA 26922	Db 26922 ATCTTCACGTATGAAGGACACTTCTTGCTTGCCAAAGGAGATGATGCTTTCAAAC 401	Db 26982 ATCTTCATCATAAGGATAACTTCTAGCTGTGAAAAGAGACCTTTAAACT 26982	Db 26983 CATTGTAAGAAAAGGATGAAATTGGGGATAGATCTATAATGTTCAACTAAACAGA 27042	Qy 462 ACA 464	Db 27043 AGA 27045	Qy 427 GGGATAAAATCTGTAATGTTCACTCTCAACTTACA 464	US-08-884-324-7
Qy 250 GAAATGGATCCACCTGAAAATATTGTGATGATAACAAAGTGTACATATCTTTCAAGAAA 309	Db 1 GAAATGAAATCCTCTGTATAACATCAAGGATAACAAAGGATCATCATATCTTTCAAGAGA 60	Qy 310 CGTGTCCAGGAC---ACAAACAAGATGGAGTTGAATCTTCACGTATGAAAGGACACTTT 366	Db 61 AGTGTCCCAGGACATGATAATAAGATGCAATTGTAATCTTCATCATACGAAGGATACTTT 120	Qy 367 CTGCTTGCCTAAAGGATGCTTCAAACCTCATTCTGAAAAGGATGAAAT 426	Db 121 CTAGCTTGTGAAAAGAGAGACCTTTAAACTCATTTGAAAAGGAGATGAATTG 180	Qy 427 GGGATAAAATCTGTAATGTTCACTCTCAACTTACA 464	Db 181 GGGGATAGATCTATAATGTTCACTGTTCAAACGAAAGA 218	RESULT 9	
Db 1 GAAATGAAATCCTCTGTATAACATCAAGGATAACAAAGGATCATCATATCTTTCAAGAGA 60	Qy 310 CGTGTCCAGGAC---ACAAACAAGATGGAGTTGAATCTTCACGTATGAAAGGACACTTT 366	Db 61 AGTGTCCCAGGACATGATAATAAGATGCAATTGTAATCTTCATCATACGAAGGATACTTT 120	Qy 367 CTGCTTGCCTAAAGGATGCTTCAAACCTCATTCTGAAAAGGATGAAAT 426	Db 121 CTAGCTTGTGAAAAGAGAGACCTTTAAACTCATTTGAAAAGGAGATGAATTG 180	Qy 427 GGGATAAAATCTGTAATGTTCACTCTCAACTTACA 464	Db 181 GGGGATAGATCTATAATGTTCACTGTTCAAACGAAAGA 218	RESULT 9		

; Sequence 7, Application US/08884324  
 ; Patent No. 6060283  
 ; GENERAL INFORMATION:

US-08-884-324-4  
 ; Sequence 4, Application US/08884324

Patent No. 6060283  
GENERAL INFORMATION:  
APPLICANT: Takanori OKURA  
APPLICANT: Kakaji TORIGOE  
APPLICANT: Masahi KURIMOTO  
TITLE OF INVENTION: GENOMIC DNA ENCODING A POLYPEPTIDE CAPABLE OF INDUCING THE PRODUCTION OF INTERFERON-  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEIMARK  
STREET: 419 Seventh Street, N.W., Suite 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/884, 324  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 185, 305/96  
FILING DATE: 27-JUN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: BROWDY, Roger L.  
REGISTRATION NUMBER: 25, 618  
REFERENCE/DOCKET NUMBER: OKURA=1  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 134 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
ORIGINAL SOURCE:  
ORGANISM: human  
Tissue Type: placenta  
FEATURE:  
NAME/KEY: exon  
LOCATION: 1..134  
IDENTIFICATION METHOD: S  
US-08-884-324-3

Query Match 16.1%; Score 75.6; DB 5; Length 134;  
Best Local Similarity 72.7%; Pred. No. 4.5e-14;  
Matches 96; Conservative 1; Mismatches 35; Indels 0; Gaps 0;  
Qy 118 AGTGAACCCCGACCAAGACTGATAATATACATGTACAAAGACAGTGAAGTAAGAGGACTG 177  
Db 3 ATGGCACCCGGGACCATTTATTATAAGTATGATAAAAGATAGCCAGCTAGAGGTATG 62  
Qy 178 GCTGTGACCCCTCTGTGAAGGATAGTAAAAYGCTACCCCTCTGTAGAACAAGATC 237  
Db 63 GCTGTAACATCTCTGTGAAGTGTGGAGAAAATTCAACTCTCCCTGTGAGAACAAATT 122  
Qy 238 ATTTCCTTTCAG 249  
Db 123 ATTTCCTTTCAG 134

RESULT 10  
US-08-884-324-3  
Sequence 3, Application US/08884324  
Patent No. 6060283  
GENERAL INFORMATION:

APPLICANT: Takanori OKURA  
APPLICANT: Kakaji TORIGOE  
APPLICANT: Masahi KURIMOTO  
TITLE OF INVENTION: GENOMIC DNA ENCODING A POLYPEPTIDE CAPABLE OF INDUCING THE PRODUCTION OF INTERFERON-  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEIMARK  
STREET: 419 Seventh Street, N.W., Suite 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/884, 324  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 185, 305/96  
FILING DATE: 27-JUN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: BROWDY, Roger L.  
REGISTRATION NUMBER: 25, 618  
REFERENCE/DOCKET NUMBER: OKURA=1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 135 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
ORIGINAL SOURCE:  
ORGANISM: human  
Tissue Type: placenta  
FEATURE:  
NAME/KEY: exon  
LOCATION: 1..135  
IDENTIFICATION METHOD: S  
US-08-884-324-3

Query Match 10.9%; Score 51.4; DB 5; Length 135;  
Best Local Similarity 70.9%; Pred. No. 8.2e-07;  
Matches 83; Conservative 0; Mismatches 31; Indels 3; Gaps 1;  
Qy 2 ACTTTGGCCCACTTCACGTGACAAACGGCAGTAACTGGGAAATTAATGCAAGTTCTCT 61  
Db 19 ACTTTGGCAAGGCTTGAATCTAAATTATCAGTCATAAGAAATTGAAATGCAAGTTCTCT 78  
Qy 62 TCGTTGACAAAGACA--GCCGTGTGTTGAGGATATGACTGATATTGATCAAAGTG 115  
Db 79 TCTTGGACCAAGGAAATCGGGCTCTATTGAAGGATATGACTGATTCAGTGTAGAG 135  
RESULT 11  
US-08-232-463-14/C  
Sequence 14, Application US/08232463  
Patent No. 5670367  
GENERAL INFORMATION:  
APPLICANT: DORNER, F.  
APPLICANT: SCHEIFLINGER, F.  
APPLICANT: FALKNER, F.G.  
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS  
NUMBER OF SEQUENCES: 52  
CORRESPONDENCE ADDRESS:



GENERAL INFORMATION:  
APPLICANT: MacInnes, Janet  
APPLICANT: Ricciatti, Paul  
APPLICANT: Mallard, Bonnie  
APPLICANT: Rosendal, Soren  
TITLE OF INVENTION: NOVEL BACTERIAL PREPARATIONS, METHOD FOR PRODUCING SAME, AND THEIR USE AS VACCINES  
TITLE OF INVENTION:  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bereskin & Parr  
STREET: 40 King Street West  
CITY: Toronto  
STATE: Ontario  
COUNTRY: Canada  
ZIP: M5H 3Y2

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0., Version #1.1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/772,270A  
FILING DATE: December 23, 1996  
CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:  
NAME: Gravelle, Micheline  
REGISTRATION NUMBER: 40,261  
REFERENCE/DOCKET NUMBER: 6580-81

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (416) 364-7311  
TELEFAX: (416) 361-1398

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4731 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE: *Actinobacillus pleuropneumoniae*

-08-772-270A-9

14  
-08-135-511-35/c  
Sequence 35, Application US/08135511  
Patent No. 558999  
GENERAL INFORMATION:  
APPLICANT: Chiang, John  
TITLE OF INVENTION: Cholesterol 7-a-Hydroxylase Gene  
REGULATORY ELEMENTS AND METHODS FOR USING THEM  
25  
APPLIED OR SUBDIVIDED

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Foley & Lardner  
 STREET: 3000 K Street, N.W., Suite 500  
 CITY: Washington, D.C.  
 COUNTRY: USA  
 ZIP: 20007-5109

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/135,511  
 FILING DATE: 13-OCT-1993  
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
 NAME: SANDERCOCK, Colin G.  
 REGISTRATION NUMBER: 31,298  
 REFERENCE/DOCKET NUMBER: 18748/175

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 672-5300  
 TELEFAX: (202) 672-5399  
 TELEX: 904136

INFORMATION FOR SEQ ID NO: 35:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10614 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-08-135-511-35

Query Match 7.38; Score 34.4; DB 1; Length 10614;  
 Best Local Similarity 46.68; Pred. No. 0.68;  
 Matches 110; Conservative 0; Mismatches 126; Indels 0; Gaps 0

QY	229	AACAAGATCATTTCCTTGAGGAAATGGATCCACCTGAAAATATTGATGATAACAAAGT 288
Db	10250	AACCTTAACGAAGACCTTGTAGTCATGATTACTTGAATATTGGTTGAGTTCTGAAACA 10191
QY	289	GATCTCATATTCTTCAGAACCGTGTCCAGGACACAAAGATGGAGTTGAATCTTC 348
Db	10190	AATCAGATAAAATTATTAACTTAACTTCACTGGATGAATAAACATTCTATTCAAAGGTTA 10131
QY	349	CTGTATGAAGGACACTTCTTGCTTGGCCAAAGGAAGATGATGGCTTCAAACCTCATTC 408
Db	10130	AAGCACCAAATGTTCTTATTTCATGTTGAAAGTAGGTAATTAAAGTTACTGGTTT 10071
QY	409	AAAAAAAGGATGAAATGGGATAAATCTGTAATGTTCACTCTAACTTACA 464
Db	10070	AAAATATTACTTATTTGAGATAAAAGATAATAATTACATATA 10015

RESULT 15  
 US-08-187-453-35/C  
 ; Sequence 35, Application US/08187453  
 ; Patent No. 5753431

GENERAL INFORMATION:  
 APPLICANT: Chiang, John  
 TITLE OF INVENTION: Cholesterol 7 $\alpha$ -Hydroxylase Gene  
 TITLE OF INVENTION: Regulatory Elements and Transcription Factors  
 NUMBER OF SEQUENCES: 37  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Foley & Lardner  
 STREET: 3000 K Street, N.W., Suite 500  
 CITY: Washington, D.C.  
 COUNTRY: USA  
 ZIP: 20007-5109

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/187,453  
 FILING DATE: 28-JAN-1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/135,488  
 FILING DATE: 13-OCT-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/135,511  
 FILING DATE: 13-OCT-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/135,510  
 FILING DATE: 13-OCT-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: SANDERCOCK, Colin G.  
 REGISTRATION NUMBER: 31,298  
 REFERENCE/DOCKET NUMBER: 188748/188  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202)672-5300  
 TELEFAX: (202)672-5399  
 TELEX: 904136  
 INFORMATION FOR SEQ ID NO: 35:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10614 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-08-187-453-35

---

Query Match 7.38; Score 34.4; DB 2; Length 10614;  
 Best Local Similarity 46.68; Pred. No. 0.68;  
 Matches 110; Conservative 0; Mismatches 126; Indels 0; Gaps 0;  
 Qy 229 AACAAAGATCATTTCCTTGTAGGAATATGGATCCACCTGAAATAATTGATGATAACAAAGT 288  
 Db 10250 AACCTTAGAAGAACCTTGAGTGCATGATTACTTTGAATATTGGAGTTCTTGAAACA 10191  
 Qy 289 GATCTCATATTCCTTCAGAAACGTGTTCCAGGCCAACAAAGATGGAGTTGAATCTTCA 348  
 Db 10190 AATCAGATAAAATTATTAACTTATCAGTGGATGAATAAACATTCTTCAAAGGTTA 10131  
 Qy 349 CTGTATGAAGGACACTTCTTGCTGCCAAAGGAAGATGGATGCTTCAAACCTCTCTG 408  
 Db 10130 AAGCACAAATGTTCTTCAATTCTGAAAAGGTAGGTAAATTAAAGTTACTGGTTT 10071  
 Qy 409 AAAAAGGATGAAAATGGGGATAAATCTGTAATGTTCACTCTCAACTTACA 464  
 Db 10070 AAAATATTACTTATTTGAGTATAAGATAAAAGATAATAATTACATATA 10015

Search completed: November 25, 2000, 05:12:50  
 Job time: 2240 sec